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REL ROATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

PATENTS ONLY Tab sottings 🗢 🗢 🔻 To the Honorable Commissioner of Pat Ints and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Washington University Name: Roy Curtiss, III Steven A. Tinge Internal Address: Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Street Address: _ 724 South Euclid Avenue ☐ Merger Assignment ☐ Change of Name ☐ Security Agreement City: St. Louis State: MO ZIP: 63110 Other ____ Additional name(s) & address(es) attached? U Yes 1/22/97 O No Execution Date:_____ 4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) 08/761,769 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Patrea L. Pabst, Esq. Internal Address: 2800 One Atlantic Ctr. 7. Total fee (37 CFR 3.41):.....\$ 40.00 ☑ Enclosed ☐ Authorized to be charged to deposit account Street Address: 1201 W. Peachtree St. 8. Deposit account number: 01-2507 30309-(Attach duplicate copy of this page if paying by deposit account) State: GA ZIP: 3450 DO HOT USE THIS SPACE Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy

of the original document.

Patrea L. Pabst

Name of Person Signing

Total number of pages comprising cover sheet:

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Recomb	oinant Bacterial Vaccine System	with Environmentally Limited Viabili	ty
the specification of which (che		ched hereto	
		lled on <u>December 6, 1996</u> lication Serial No. <u>08/761,769</u>	
	and wa	s amended on:(if applicable)	
	•	(ii applicable)	•
I hereby state that I here		e contents of the above-identified spec	ification, including the
	ty to disclose information which i e of Federal Regulations, § 1.56(is material to the examination of this	application in
patent or inventor's certificate		United States Code, § 119 of any for tified below any foreign application for which priority is claimed.	
Prior Foreign Application(s)			Priority <u>Claimed</u>
PCT/US96/09774	PCT	06/07/96	X
(Number)	(Country)	06/07/96 (Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	
(Number)	(Country)	(Day/Month/Year Filed)	
below and, insofar as the subj application in the manner pro to disclose material information	ect matter of each of the claims ovided by the first paragraph of Ton as defined in Title 37, Code of	s Code, § 120 of any United States apof the application is not disclosed in the little 35, United States Code, § 112, I are Federal Regulations, § 1.56(a) which ternational filing date of this applications.	ne prior United States acknowledge the duty occurred between the
08/473,789	06/07/95	Pending	
(Application Serial No.)	(Filing Date)	Status (patented, pending, abando	oned)

-1-

ASSIGNMENT

I, Steven A. Tinge of 52 Lindenleaf Lane, Belleville, Illinois 62223, in consideration of Five Dollars and other valuable consideration paid to me by Washington University, an entity of the State of Missouri having its principal place of business at St. Louis, Missouri, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Washington University, its successors and assigns, the entire interest for the United States of America and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in "Recombinant Bacterial System with Environmentally Limited Viability" described in U.S. Serial No. 08/761,769 filed December 6, 1996 by Roy Curtiss, III and Steven A. Tinge, in the United States Patent and Trademark Office, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuation, continuation-in-part, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executor and administrator, with said corporation and its successors and assigns but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

State of County of

) \ss.

Then personally appeared the above named Steven A. Tinge and acknowledged the foregoing instrument to be his free act and deed, before me, this day prices

DARLEEN PHILLIPS
Notary Public Notary Seal
STATE MISSOURI
St. Charles County
My Commission Expires: Jan. 6, 1998

Notary Public

ASSIGNMENT

Or Red

I. Roy A. Curtiss of 6065 Lindell Blvd., St. Louis, Missouri 63112-1009, in consideration of Five Dollars and other valuable consideration paid to me by Washington University, an entity of the State of Missouri having its principal place of business at St. Louis, Missouri, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto Washington University, its successors and assigns, the entire interest for the United States of America and its territories and all foreign countries and jurisdictions, including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in "Recombinant Bacterial System with Environmentally Limited Viability" described in U.S. Serial No. 08/761,769 filed December 6, 1996, by Roy Curtiss, III and Steven A. Tinge, in the United States Patent and Trademark Office, and in all Letters Patent of the United States and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuation, continuation-in-part, reissue or other applications based in whole or in part thereon. And I agree, for myself and my executor and administrator, with said corporation and its successors and assigns but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and its territories and in all other foreign countries and jurisdictions to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

WITNESS my hand and seal this 22 well day of January, 1997.

Roy Curtiss, III

State of Missouri County of

)ss.

Then personally appeared the above named Roy Curtiss and acknowledged the foregoing instrument to be his free act and deed, before me, this 22 day of 1997.

DARLEEN PHILLIPS
Notary Public - N tary Seal
STATE OF MISSOURI
St. Charles County
My Commission Expires: Jan. 6, 1998

Notary Public

U.S.S.N. 08/761,769 Filed: December 6, 1996 DECLARATION

As named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Patrea L. Pabst

31,284

Send Correspondence to:

Patrea L. Pabst, Esq.

ARNALL GOLDEN & GREGORY

2800 One Atlantic Center 1201 W. Peachtree Street Atlanta, GA 30309-3450

Direct telephone calls to:

Patrea L. Pabst (404)873-8794

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or f	irst inventor Ray Curtiss, III	
Inventor's signature _	1/m/whice	Date 1-22-97
Residence	6065 Lindell Blvd, St. Louis, MO 63112-1009	
Citizenship	United States	
Post Office Address _	Same as above	
Full name of second just inventor's signature		Date 1-22-97